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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Mika Partain

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COOPER & DUNHAM, LLP  
30 Rockefeller Plaza  
20th Floor  
NEW YORK, NY 10112

EXAMINER

MISIASZEK, MICHAEL

ART UNIT

PAPER NUMBER

3625

MAIL DATE

DELIVERY MODE

06/25/2010

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 09/760,864	<b>Applicant(s)</b> PARTAIN ET AL.	
	<b>Examiner</b> MICHAEL MISIASZEK	<b>Art Unit</b> 3625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 20 May 2010.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 45 and 47-64 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 45 and 47-64 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                    | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)         | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                          |

**DETAILED ACTION**

***Response to Amendment***

Applicant's amendments filed 3/16/2010 have been received and reviewed. The status of the claims is as follows:

Claims 45, 47-64 are pending.

***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 5/20/2010 has been entered.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 45-60, 62-64 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mesaros in view of Rubin and Postelik.**

Regarding Claims 45, 52, 58, 60 62

Mesaros discloses a method and system for enhancing product sales in network transactions, the method comprising:

- delivering display Information to a customer side for ordering products or services via a network (at least column 7, lines 8-9 and figure 2)
- receiving at a seller side an initial order from the customer side, including said initial order comprising (i) customer side information including an identity of a client and (ii) an initial specified quantity (at least column 7, lines 8-9, 32-50 and figures 2, 5)
- changing the display information at the customer side to reflect the transaction and a promotion, if said specified quantity of said initial order is in a range equal to or higher than a first predetermined quantity but lower than a third predetermined quantity (at least figures 4, 13 and 14; where ranges of quantity are offered different prices. For example, between 101-200 is one range (where

101 is a first predetermined quantity and 200 is a second predetermined quantity))

- changing the display information at the customer side to reflect the transaction and a promotion, if said specified quantity is equal to or greater than said third predetermined quantity; (at least figures 4, 13 and 14)
- processing and executing the order with the appropriate corresponding promotion (at least column 6, line 48-column 7, line 32)
- wherein when the specified quantity of the initial order is lower than said first predetermined quantity but greater than a second predetermined non-zero quantity, the seller side calculates a quantity difference to qualify for the retail-customer-to-business transaction and promotion, displays the quantity difference along with retail-customer-to-business transaction and promotion information at the customer side, and provides the customer side with an option of modifying the order (Mesaros: Fig. 4, “188” and “189”, column 8: lines 42-63).
- wherein the first promotion includes providing without charge one or more products different from the specified product (Mesaros: figure 8).
- wherein the customer side and seller side are at geographical remote locations (Mesaros: Fig. 1).

Mesaros also does not expressly disclose changing display information to be delivered to the customer said in accordance with the specified quantity of the specified product. Rubin teaches this (Rubin: column 4, lines 55-65). Rubin discloses a method

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wherein least expensive additional order calculator 232 divides the additional volume by the volume contribution of each product having a vendor equal to the vendor identified in the proposed order stored in proposed order storage 212. For each product, the result of this division is rounded up and the rounded result multiplied by the price of the product to produce an extended price. One or more of the minimum extended prices is selected and the corresponding product identifier, quantity and total price is provided by least expensive additional order calculator 232 to administration 250 for presentation to the user. At the time of invention it would have been obvious to one of ordinary skill in the art to have modified the method of Mesaros to incorporate the promotion scheme of Rubin because of the complexity of some discount structures a consumer may not be aware at the time of an order that a moderately larger order can increase a discount available (Rubin: column 1, line 65 to column 2, line 17).

Mesaros further does not expressly disclose making a determination of the type of initial order based on customer side information, and treating the initial order based on the determination. Postelik teaches that it is known to determine the type of initial order, and treating the initial order based on the determination (at least paragraph [0090]) in a similar environment. It would have been obvious to have modified the system and method, as taught by Mesaros, with the determination, as taught by Postelik, since such a modification would only united elements of the prior art references, with no change in their respective functions and which yield predictable results.

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Referring to claim 47, 49, and 59,

Mesaros and Rubin fail to explicitly teach “wherein if the customer side confirms the initial order without modifying the initial order, the seller side determines that the initial order does not qualify as a retail-customer-to-business transaction”, “wherein if the customer side confirms the initial order without modifying the initial order, the seller side determines the transaction does not qualify as the business-to-business transaction”, and “wherein said determination part determines that the initial order is a business to business transaction based on the identity of the customer”. Examiner takes Official Notice that it is old and well-known in the art to have these features. It would have been obvious, at the time of the invention, to one ordinary skill in the art to modify Mesaros to include features that describe the transactions and orders based on whether the customer confirms the order without revising or based on the identity of the customer, rendering the order as not a retail-customer-to-business transaction and the transaction not as a business-to-business transaction, in order to enhance customer relationship management.

Referring to claim 48,

Mesaros teaches “wherein when the specified quantity of the initial order is greater than said first predetermined quantity but less than said third predetermined quantity, the seller side calculates a quantity difference to qualify for the business to business transaction and promotion, and displays the quantity difference along with business-to-business transaction and promotion information at the customer side display, and

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provides the customer side with an option of modifying the order" (Mesaros: figures 4, 13, and 14. The feature of "modifying" is addressed by the rejections of claims 25 and 27-29; therefore the same rejections apply to this claim.).

Referring to claim 50,

Mesaros teaches "displaying at the customer side, information reflecting the revised order that conforms to the selected promotion, whereby the initial order is no longer operative at the seller side" and "executing the revised order at the seller side". Rubin, in an analogous art, teaches "displaying at the customer side, information reflecting the revised order that conforms to the selected promotion, whereby the initial order is no longer operative at the seller side" (Rubin: abstract and figures 2-3) and "executing the revised order at the seller side" (Rubin: figure 3).

Referring to claim 53,

Mesaros teaches "wherein said customer side terminal displays no promotion information and execute the initial order as entered when said quantity range is determined to be below said first predetermined quantity".(Mesaros: column 7 lines 1-31; where an order can be placed without conforming to said pricing schemes).

Referring to claim 54,

Mesaros teaches "wherein said customer side terminal displays promotion information corresponding to a retail-customer-to-business transaction contingent on increasing the



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specified quantity of the initial order to at least a second predetermined quantity higher than said first predetermined quantity” (Mesaros: figures 4, 13, and 14).

Referring to claim 55,

Mesaros teaches “wherein said customer side terminal displays promotion and transaction information corresponding to a retail-customer-to-business transaction when the specified quantity of the initial order is lower than said third predetermined quantity but higher than said first predetermined quantity (Mesaros: figure 4; where several pricing thresholds are disclosed).

Referring to claim 56,

Mesaros teaches “wherein said customer side terminal displays promotion and transaction information corresponding to a business-to-business transaction contingent on increasing the specified quantity of the initial order to a fourth predetermined quantity:” (Mesaros: figure 4; where several pricing thresholds are disclosed).

Referring to claim 57,

Mesaros teaches “wherein said customer side terminal displays promotion and transaction information corresponding to a business-to-business transaction when the specified quantity of the initial order is determined to be equal to or above said third predetermined quantity but below a fourth predetermined quantity” (Mesaros: figure 4; where several pricing thresholds are disclosed).

Referring to claim 63,

Mesaros discloses wherein any one of the retail-customer-to-business promotion and business-to-business promotion is related to delivery methods for delivering ordered products (at least column 12, lines 1-14: products delivered, therefore promotion related to delivery method)

Referring to claim 64,

Mesaros discloses wherein any one of the retail-customer-to-business promotion and business-to-business promotion is related to payment terms for paying for ordered products (at least column 6, line 48-column 7, line 32: customer-vendor promotions involve price discounts)

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**Claim 61 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mesaros in view of Rubin and Postelik, as applied above, and further in view of Unold et al. (US 20020055880 A1, hereinafter Unold).**

Mesaros fails to explicitly disclose wherein said retail-customer-to-business promotion is different from said business-to-business promotion. Unold teaches that it is known to include multiple different types of promotions (at least paragraph 61) in a similar environment. It would have been obvious to one of ordinary skill in the art at the time of the invention to have modified the invention, as taught by Mesaros, Rubin, and Postelik, with the multiple types of promotions, as taught by Unold, since such a modification would have provided the rapid creation of electronic advertisements and promotions (at least paragraph 7 of Unold).

***Response to Arguments***

Applicant's arguments with respect to the disclosure of the prior art have been fully considered, but they are not persuasive. Applicant asserts that none of the prior art references disclose the feature: "wherein when the specified quantity of the initial order is lower than said first predetermined quantity but greater than a second predetermined non-zero quantity, the seller side calculates a quantity difference to qualify for the retail-customer-to-business transaction and promotion, displays the quantity difference along with retail-customer-to-business transaction and promotion information at the customer side, and provides the customer side with an option of modifying the order". However, as detailed above, in at least column 8: lines 42-63, Rubin discloses calculating the difference between an order quantity and a threshold for qualifying for a promotion, determining other orders to make up the difference, and presenting such to the customer, allowing the customer to modify the order to meet the promotion level. Accordingly, the Examiner asserts that Rubin discloses such a feature and thus applicant's arguments are not persuasive.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MICHAEL MISIASZEK whose telephone number is (571)272-6961. The examiner can normally be reached on 9:00 AM - 5:30 PM, Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A. Smith can be reached on (571) 272-6763. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Michael Misiaszek/  
Examiner, Art Unit 3625